

Title (en)

METHOD FOR DETECTING A WATER PENETRATION IN A HOUSING, ELECTRONIC CIRCUIT FOR IMPLEMENTING THE METHOD, HOUSING WITH THE ELECTRONIC CIRCUIT AND VEHICLE WITH THE HOUSING

Title (de)

VERFAHREN ZUR ERKENNUNG EINES WASSEREINTRITTS IN EINEM GEHÄUSE, ELEKTRONISCHE SCHALTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS, GEHÄUSE MIT DER ELEKTRONISCHEN SCHALTUNG UND FAHRZEUG MIT DEM GEHÄUSE

Title (fr)

PROCÉDÉ DE DÉTECTION D'UNE PÉNÉTRATION D'EAU DANS UN LOGEMENT, CIRCUIT ÉLECTRONIQUE POUR LA MISE EN OUVRE DU PROCÉDÉ, LOGEMENT AVEC LE CIRCUIT ÉLECTRONIQUE ET VÉHICULE AVEC LE LOGEMENT

Publication

EP 3654008 B1 20211006 (DE)

Application

EP 19204791 A 20191023

Priority

DE 102018219370 A 20181113

Abstract (en)

[origin: US2020149989A1] A method for detecting a water ingress into an interior of a housing, which is sealed against the surroundings, including the following steps: detecting a temperature of the air in the interior; detecting a relative air humidity in the interior; and detecting a water ingress as a function of the detected temperature and of the detected relative air humidity.

IPC 8 full level

H01M 50/20 (2021.01)

CPC (source: EP US)

B62J 45/41 (2020.02 - EP US); **B62M 6/50** (2013.01 - EP); **G01M 3/002** (2013.01 - EP); **G01M 3/183** (2013.01 - US); **G01M 3/186** (2013.01 - US); **H01M 10/44** (2013.01 - EP); **H01M 10/48** (2013.01 - EP US); **G01M 3/3236** (2013.01 - US); **G08B 21/20** (2013.01 - US); **H01M 2220/20** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP)

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 102018219370 B3 20191024; EP 3654008 A1 20200520; EP 3654008 B1 20211006; US 11495841 B2 20221108; US 2020149989 A1 20200514

DOCDB simple family (application)

DE 102018219370 A 20181113; EP 19204791 A 20191023; US 201916680614 A 20191112